2
669
058
V.7
no.5
ological
Medical
rials

Ophthalmic Literature

EDITOR, EDWARD JACKSON, M. D.
ASST. EDITOR, WILLIAM H. CRISP, M. D
CORRESPONDENTS { DR. MARCEL DANIS, Brussels, Belgium
PROF. J. KOMOTO, Tokyo, Japan

Vol. VII. MAY, 1917. No. 5.

CONTENTS

Journal Plans 49
Differing Aspects of Medical Literature 49

Book Notices:

Elliot, R. H., Glaucoma, A Handbook for the Medical Practitioner 51
The Blind in the United States, 1910 51

Index of Ophthalmology:

Diagnosis, Therapeutics 52
Operations, Refraction, Ocular Movements, Conjunctiva 53
Cornea and Sclera, Anterior Chamber and Pupil 54
Uveal Tract, Sympathetic Disease, Glaucoma, Crystalline Lens 55
Vitreous, Retina, Toxic Amblyopias, Optic Nerve, Visual Tracts and Centers 56
Color Vision, Eyeball, Lacrimal Apparatus, Lids, Orbit, Parasites, Tumors 57
Injuries, Pathology, General Diseases 58
Hygiene, Ophthalmic Sociology and History 59

Abstracts From Foreign Journals:

Optochin Amaurosis 60
Trachoma Prophylaxis and Military Service 60
Simultaneous Injuries of Eyes and Antral Cavities 60

PRICE FIVE DOLLARS PER YEAR, IN ADVANCE

Published Monthly by EDWARD JACKSON, 318 Majestic Building, Denver, Colorado, U. S. A.

Entered as second-class matter November 6, 1912, at the Postoffice at Denver, Colorado, under the Act of March 3, 1879.

Skiascopy and Its Practical Application

BY EDWARD JACKSON, M. D., DENVER, COLO.

FOURTH EDITION

REVISED AND ENLARGED. WITH CHAPTERS ON EXACT SKIASCOPY AND AUTO-SKIASCOPY. OCTAVO 120 PAGES, ILLUSTRATED.
SENT POST-PAID ON RECEIPT OF ONE DOLLAR.

Herrick Book and Stationery Company

934½ 15th Street Denver, Colorado

Ophthalmic Literature

VOL. VII. MAY, 1917. NO. 5.

Edited by EDWARD JACKSON. Assisted by WILLIAM H. CRISP.

JOURNAL PLANS.

The list of subscribers to a new ophthalmic journal to be formed by merger is still growing slowly from day to day, and is already larger than any ophthalmic journal published in English ever started with, except perhaps the new British Journal of Ophthalmology. There are beside a considerable number of subscriptions promised on condition of the lower price, or on condition that some particular journal joins in the merger. All the journals so mentioned are likely to join in the merger, but conditional subscriptions are not included in the others.

There are also numerous letters asking for a more definite statement of plans. These cannot be announced until they have been formulated. The profession having effectively expressed a desire for such a journal, the plans for it will be formulated as rapidly as possible. For busy men, some of whom live 3,000 miles apart, the working out of definite business arrangements requires time. It is now well started, and we may hope that before the middle of the summer something more definite can be announced.

DIFFERING ASPECTS OF MEDICAL LITERATURE.

A paper relating to ophthalmology, like other medical papers, may serve an important purpose by the mental and scientific training its production gives the writer. The value of some papers seems to be principally in this direction. In general it may be said that the value of a paper will be greater to its producer than it can be to any individual reader. The intellectual activity, the study, the research, the completeness of mastery of the subject required to write the paper are, in general, greater than will attend the reading of it.

A particular paper may be of great benefit to its author, even though no word of it ever be printed, or read by any other person. A young man wrote a complete monograph on the branch of medical science in which he was especially interested, which would have served as a text-book in medical colleges, or introduced to medical practitioners a subject of recent development. One who read the manuscript said it was well written, fully covered the subject, and when published would have brought reputation and standing to its author. But when it was finished he found that one or two other monographs had been published, which covered the subject as well as his own, and he forthwith burned his manuscript.

But this author's time and effort were far from wasted. The study of the subject, the careful collection and sifting of the facts and statements bearing on it, the thought given to the relations of the various branches of this subject to each other, and to the whole of medicine,

gave him a mastery of his special work that he would not have attained in any other way. This mastery became evident in the papers he read, or in the discussions he entered upon in medical societies; in the teaching of his students, and to all who talked with him upon the subject. The book he had written did give him reputation and standing among his colleagues and increased his usefulness in the community and his professional success.

To its writer each scientific paper is an opportunity for the expansion of his knowledge, for rendering it more minutely accurate, for rounding it out and systematizing it. To the reader the published paper presents a different aspect. It is not the only paper on the subject, representing all that he has learned or thought about it. It is only one small part of the vast literature of ophthalmology; all of which appeals to his attention, but of which no man can ever read the whole. The first question to be decided with reference to each book, monograph, or paper is: Will it be worth while to read this, or can the same time and attention be better expanded on some other reading? What is there of value in the paper? How much time and effort will be required to get it out?

It is said that the gold in the water of the ocean is sufficient for untold fortunes. But the attempt to get it would bring poverty, not riches. The practical value of any paper to a reader depends on how much there is in it that he needs, and the relative labor required to get command of it. A valuable thought, like gold, becomes useful as it is freed from extraneous matter. In so far as it is mixed with other thoughts or hidden by them it is useless. As the labor of acquiring command of it is increased, its practical value is lost.

The qualities that commend a paper to a reader are not just the qualities that give it value to its author. To some extent they are opposed to each other. Completeness and minuteness of treatment may result from studies that have greatly extended the author's intellectual equipment, but to the reader they may mean only so much unnecessary and undesirable matter mixed with what he wants. In arrangement of material the author's working out of his individual system of arrangement may work confusion by departing from that commonly followed by his reader. A common or conventional grouping of facts that will be at once understood is of great value, and unless a departure from it is necessary to bring out the main object of the paper, it should not be departed from.

How shall the conflicting interests of author and reader in the scientific paper be reconciled? In the first place the published paper should not in general be a complete revelation of the processes by which it was arrived at. It should not contain all the laboratory notes of the experiments, or the full details of the cases on which it is based. It should never attempt to review all the literature that the author has been led to examine in preparation for writing it. It should commonly attempt to present but a single important point, including only what has the highest value in clearing, defining and emphasizing its main thought. Finally, its arrangement should be as simple, definite

and usual as it is possible to make it. Digressions are to be carefully avoided, completeness should be sacrificed to clearness and force.

Between the author and the reader of journal articles should stand the editor. He should stand in the relation of an advisor of ripened judgment, with a keen sense of the reader's needs and rights. His fitness for such a function has too often been impaired by eagerness to get the amount of material required to fill the necessary number of pages. When the editor fully performs his proper function, both reader and writer will be better off. The former will get more nearly what he needs and wants and with less waste of time and effort, while the latter will be compelled to do better work with all the benefits that better work implies for the worker.

BOOK NOTICES.

Elliot, R. H. Glaucoma, A Handbook for the General Practitioner. 8vo, 72 pages, 17 illustrations. London, H. K. Lewis and Co., Ltd., 1917. Price, $1.00.

This book has come from its author's broadening interest in its subject and his practical disposition to apply knowledge to the relief of suffering. Col. Elliot's original interest in glaucoma took the direction of devising an operation for the relief of the large number of patients with this condition seeking his clinic in Madras. His first book and earlier journal articles dealt with the operative treatment.

Of late his contributions to the journals, as mentioned in the index of ophthalmology, have taken a wider range, and the work before us has this general character. It contains chapters on the anatomy of the parts concerned in glaucoma; the intraocular pressure and the tension of the eye; the pathological anatomy of glaucoma; causes of glaucoma; the diagnosis of glaucoma; signs and symptoms of, and the treatment of glaucoma; secondary glaucoma, congenital and juvenile glaucoma.

Chapter VIII, dealing with the treatment, contains descriptions of all the important operations for glaucoma. Yet nearly one-third of it is devoted to the non-operative treatment.

The broad, balanced handling of the subject, and also its clearness and brevity give this monograph high value for the ophthalmologist as well as for the general practitioner. The latter may carefully read it with great profit; the former will wish to keep it at hand to quickly review the general subject when studying his particular cases. In the preface we are promised much more complete discussion of the subject along these broad lines. Colonel Elliot states: "The material for a much more exhaustive treatise on the same subject lies on my desk today. The appeal of that work will be to the scientific ophthalmologist. In it subjects will be discussed at length, and authorities freely quoted. Its aim will be widely different from that of this little book, but the world conflict makes the publication of such a work an impossibility at present."

We shall look forward to the larger work with anticipation of benefit. But this one illustrates the possibilities of practical value that lie in clear, brief statement, with absolute exclusion of that which is not of great practical importance.

The Blind in the United States, 1910. Quarto, 342 pp. Washington Government Printing Office, 1917. Price, 75 cents.

This book is prepared by the Bureau of the Census of the Department of Commerce, printed in double-column pages, much of it in fine print and tabular form; it contains quite as much as the average

octavo of 1,000 pages. Part of its contents may seem at first of little interest except to the professional statistician, but a great deal of it is of the highest interest to the ophthalmologist.

The work is divided into five parts, dealing with these topics: (1) statistics of the blind population enumerated at the population census; (2) statistics of the blind for whom special schedules were returned; (3) general tables; (4) summary of state laws relative to the blind and the prevention of blindness; (5) appendices.

The basis of this report is the census of 1910, which was taken in this way. The enumerators for the general census were required to report all the blind. These numbered 61,454. Then for each of these a special schedule was sent out. Returns came from 33,428, of whom 4,463 proved not to be blind. The returns thus obtained furnish the basis for this part of the book, which deals with such interesting subjects as geographic distribution, age at which vision was lost, causes of blindness, heredity, education, occupations, economic status, etc. But the scope of the work is wider than the statistics of America. The facts obtained are compared with those regarding the blind in other countries, so that we have here the data with reference to blindness throughout the world.

This book will be of great value to everyone who wishes to study ophthalmology beyond the narrow lines of routine practice, as well as to the sociologist, economist and legislator. For the price mentioned a copy can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C.

Index of Ophthalmology

DIAGNOSIS.

Blanco, T. Necessity for Ophthalmoscopic Examination After Use of Arsenic. Arch. d'Opht., v. 35, p. 478.

Differentiation of Some Acute Ocular Inflammations. Editorial in New York Med. Jour., v. 105, p. 847.

Jackson, E. Practical Value and Limitations of Tonometer. Ophthalmology, v. 13, p. 437.

Lucanus, H. Method of Examining Anterior Segment of Eyeball. Arch. f. Augenh., v. 81, p. 197. Ophthalmology, v. 13, p. 492.

Price, N. W. Simple Rapid Perimeter. (3 ill.) Ophth. Rec., v. 26, p. 244.

Villasevaglios, G. Roentgen Rays in Diagnosis of Ocular Diseases. (12 ill.) Arch. di Ott., v. 23, p. 461.

Repeated Titles. **Schiötz** (5, p. 113) Ophthalmology, v. 13, p. 492.

THERAPEUTICS.

George, E. J., and Toren, J. A. An Ocular Therapeutic Lamp. (1 ill.) Ophth. Rec., v. 26, p. 235.

Green, J., Jr. Practical Methods in Ophthalmic Emergencies. Interstate Med. Jour., v. 24, p. 393.

Grumme. How to Avoid Iodinism. Med. Klin., 1916, No. 12. Clin. Opht., v. 22, p. 46.

Heinen. Treatment of Suppurating Wounds With Solution of Liquid Acetone. Münch. Med. Woch., 1916, No. 20. Clin. Opht., v. 22, p. 49.

Hesse. Treatment of Infectious Ophthalmias With Animal Carbon. Clin. Opht., v. 22, p. 47.

Lamb, R. S. Fibrolysin in Treatment of Ocular Disease. (Bibl.) Arch. of Ophth., v. 46, p. 233.

Pincshon, G. Ocular Complications After Use of Optochin. Clin. Opht., v. 22, p. 45.

Reber, W. Ocular Therapeutics. Brit. Jour. Ophth., v. 1, p. 294.
Santos Fernandez, J. Mercurials in Non-syphilitic Affections of Eye. (Bibl.) Arch. de Oftal. Hispano-Americanos, v. 17, p. 113.
v. Speyr, T. Iontophoresis in Ophthalmology. Cor.-Bl. f. Schweiz. Aerzte, v. 47, p. 120.
Stocker, F. Results of Iontophoresis. Cor.-Bl. f. Schweiz. Aerzte, v. 47, p. 111.
v. Wild. Wounds Treated by Exposure to Air. Clin. Opht., v. 22, p. 49.
Zentmayer, W. Ethylhydrocuprein in Diseases of Eye. Penn. Med. Jour., v. 20, p. 487.
Repeated Titles. **Darier** (6, p. 139) Brit. Jour. Ophth., v. 1, p. 326. **Gebb** (5, p. 4) Brit. Jour. Ophth., v. 1, p. 323. **Stargardt** (6, p. 88) Ophthalmology, v. 13, p. 501. **Takashima** (6, p. 112) Ophthalmology, v. 13, p. 545.

OPERATIONS.

Onishi. Knife for Dissection of Corneal Layer in Trephining. Nippon Gank. Zasshi, Jan., 1916. Ophthalmology, v. 13, p. 539.
Pottenkofer, W. Narcosis. Münch. Med. Woch., 1916, p. 108. Clin. Opht., v. 22, p. 37.
Teulières and Ourgaud. Corneal Graft With Pedicle. (2 ill.) Arch. d'Opht., v. 35, p. 499.
Repeated Titles. **Elschnig** (6, p. 88) Ophthalmology, v. 13, p. 500. **Oda** (6, p. 112) Ophthalmology, v. 13, p. 539. **Shimitsu** (6, p. 112) Ophthalmology, v. 13, p. 542.

REFRACTION.

Blanco, T. Skiascopy Explained. (4 ill.) Arch. de Oft. Hisp.-Amer., v. 17, p. 169.
Dor, L. Optometric Scale Based on Metric System. Clin. Opht., v. 22, p. 27.
Gradle, H. S. Art of Refraction. Ophthalmology, v. 13, p. 447.
Steiger, A. Myopia. Cor. Bl. f. Schweiz. Aerzte, v. 47, p. 88.
Willetts, E. J. Prisms in Ophthalmic Practice. Penn. Med. Jour., v. 20, p. 483.
Wilson, J. A. Visual Defects, Refractive and Functional. Glasgow Med. Jour., v. 5, p. 211.
Repeated Titles. **Koster** (6, p. 88) Ophthalmology, v. 13, p. 510, 512.

OCULAR MOVEMENTS.

Briggs, H. H. Operations for Convergent and Divergent Squint. South. Med. Jour., v. 10, p. 440.
Landolt, M. False Muscular Projection of Eye, Non-paralytic. Arch. d'Opht., v. 35, p. 305.
Lowell, H. Tendon Muscle Lengthening With Special Forceps. (1 ill., Bibl.) Arch. of Ophth., v. 46, p. 224.
Poyales, F. Convergent Strabismus in New Born. Arch. de Oft. Hisp.-Amer., v. 17, p. 192.
Roelofs, C. O. Precise Method of Determining Position of Eyes in Muscular Trouble. Arch. d'Opht., v. 35, p. 507.
Tuto. Injury and Paralysis of Externus. Arch. de Oft. Hisp.-Amer., v. 17, p. 202.
Witmer, J. Congenital Retraction Movements of Eyeball. Arch. f. Augenh., v. 81, p. 200. Ophthalmology, v. 13, p. 461.
Repeated Titles. **Ishida** (6, p. 112) Ophthalmology, v. 13, p. 546.

CONJUNCTIVA.

Kearney, J. A. Folliculosis of Conjunctiva. Med. Rec., v. 91, p. 855.
Lamb, F. W. Conjunctivitis Tularensis (Squirrel Plague.) (1 pl.) Ophth. Rec., v. 26, p. 221.
Lawson, A. Fur Infection of Conjunctiva From Cats. Brit. Jour. of Ophth., v. 1, p. 310.

McDanald, C. E. Trachoma With Vernal Conjunctivitis Treated With High Frequency Current. Arch. of Ophth., v. 46, p. 278.

Vernal Catarrh With One Radium Treatment. Arch. of Ophth., v. 46, p. 278.

Marchi, F. A. Atypical Trachomatous Corneal Pannus in Form of Tumor. (3 pl.) Arch. di Ott., v. 23, p. 611.

Richards, A. F. Trachoma. Tenn. St. Med. Assn. Jour., v. 9, p. 470.

Stargardt, K. Technique of Examination of Epithelial Inclusions in Conjunctiva. Zeit. f. Augenh., v. 34, p. 295. Ophthalmology, v. 13, p. 520.

Suker, G. F. Excision of Tarsus in Trachoma. (7 ill.) Arch. of Ophth., v. 46, p. 210.

Tyson, H. H. Electric Amblyopia and Ophthalmia. Arch. of Ophth., v. 46, p. 275.

Weeks, J. E. Tuberculosis of Conjunctiva. (Dis.) Arch. of Ophth., v. 46, p. 276.

White, D. W., and **White, P. C.** Incision and Crushing Operation for Trachoma. (8 ill.) Ophth. Rec., v. 26, p. 239.

Repeated Titles. **Hagen** (5, p. 85) Ophthalmology, v. 13, p. 499. **Hiwatori** (6, p. 113) Ophthalmology, v. 13, p. 545. **Komoto** (6, p. 113) Ophthalmology, v. 13, p. 546. **Matsuoka** (6, p. 113) Ophthalmology, v. 13, p. 543. **Myashita** (6, p. 113) Ophthalmology, v. 13, p. 540. **Onishi** (6, p. 113) Ophthalmology, v. 13, p. 544. **Shikano** (6, p. 113) Ophthalmology, v. 13, p. 540.

CORNEA AND SCLERA.

Bloch, C. E. Eye Disease From Deficiency of Fat in Food. Ugeskrift for Laeger., v. 79, pp. 279, 309. Jour. Amer. Med. Assn., v. 68, p. 1516.

Boys, A. H. Collosol Argentum for Corneal Ulcers. Brit. Jour. of Ophth., v. 1, p. 330.

Bronson, E. Fragilitis Osseum and Blue Sclerotics. Edinburg Med. Jour., v. 18, p. 240. Jour. Amer. Med. Assn., v. 68, p. 1510.

Burns, H. R. Marginal Serpent Ulcer. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 255.

Buxton, L. H. Dumb-bell Keratitis. Ophthalmology, v. 13, p. 450.

Chistyakoff, P. Treatment of Corneal Ulcer With Zinc Sulphate. Sibirsk Vrach, 1916, p. 261.

Cross, F. R. Kerato-iritis Cured by Tuberculin. Trans. Ophth. Soc., United Kingdom, v. 36, p. 282. Brit. Jour. Ophth., v. 1, p. 331.

Disson. Herpes Febrilis of Cornea. Münch. Med. Woch., 1916, No. 17. Clin. Opht., v. 22, p. 42.

Garraghan, E. F. Specific Tubercular Keratitis. (Dis.) Chicago Ophth. Soc., Feb., 1917. Ophth. Rec., v. 26, p. 262.

George, E. J., and **Toren, J. A.** Ocular Therapeutic Lamp for Treatment of Corneal Ulcers. (1 ill.) Ophth. Rec., v. 26, p. 235.

Maggiore, L. Cure of Keratoconus. Ann. di Ott. and Clin. Ocul., v. 1, p. 113.

Scarlett, H. W. Diplobacilli in Corneal Ulcers. Arch. of Ophth., v. 46, p. 219.

Wyler, J. S. Corneal Ulcer Produced by Varicella. Jour. Amer. Med. Assn., v. 68, p. 1476.

Repeated Titles. **Furukawa** (6, p. 113) Ophthalmology, v. 13, p. 543. **Kagoshima** (6, p. 113) Ophthalmology, v. 13, p. 540. **Kumagai** (6, p. 113) Ophthalmology, v. 13, p. 542. **Kuriyama** (6, p. 113) Ophthalmology, v. 13, p. 540. **Lehmann** (6, p. 39) Ophthalmology, v. 13, p. 499. **Nogawa** (6, p. 113) Ophthalmology, v. 13, p. 539. **Rönne** (5, p. 69) Ophthalmology, v. 13, p. 473. **Suganuma** (6, p. 113) Ophthalmology, v. 13, pp. 539, 541.

ANTERIOR CHAMBER AND PUPIL.

Dunn, J. Argyll Robertson Pupil. Arch. of Ophth., v. 46, p. 193.

Repeated Titles. **Kumagai** (6, p. 114) Ophthalmology, v. 13, p. 542. **Onishi** (6, p. 114) Ophthalmology, v. 13, p. 546.

UVEAL TRACT.

Darier, A. Treatment of Diseases of Iris and Ciliary Body. Clin. Opht., v. 22, p. 3.

Hill, E. Case of Aniridia. (Dis.) Chicago Ophth. Soc., Feb., 1917. Ophth. Rec., v. 26, p. 260.

Lodberg, C. V. Traumatic Chorio-retinitis. Cent. f. p. Augenh., v. 40, p. 147. Ophthalmology, v. 13, p. 487.

Marquez, M. Malarial Amblyopia. Arch. de Oft. Hisp.-Amer., v. 17, p. 132.

Rowe, E. H. Toxic Choroiditis Following Chronic Alveolar Abscess Treated With Vaccine Therapy. Arch. of Ophth., v. 46, p. 251.

Schou, S. Subchronic Febris Uveo-parotidea. Cent. f. p. Augenh., v. 40, p. 149. Ophthalmology, v. 13, p. 477.

Wessely, K. Deposits of Urates in Eye. Arch. f. Augenh., v. 81, p. 149. Ophthalmology, v. 13, p. 519.

Wolfe, O. R. Iritis. Jour. Kans. Med. Soc., v. 17, p. 101.

Zimmer. Double Metastatic Cyclitis Following an Attack of Bubonic Plague. Clin. Opht., v. 22, p. 30.

Repeated Titles. **Myashita** (6, p. 114) Ophthalmology, v. 13, p. 543. **Nakamura** (6, p. 114) Ophthalmology, v. 13, p. 544.

SYMPATHETIC DISEASE.

Darling, C. G. Sympathetic Ophthalmia. Ophth. Rec., v. 26, p. 233.

Weekers, L. Rarity of Sympathetic Ophthalmia After War Wounds. Arch. Méd. Belges, v. 70, p. 193. Jour. Amer. Med. Assn., v. 68, p. 1585.

Repeated Titles. **Nogawa** (6, p. 114) Ophthalmology, v. 13, p. 545. **Schieck** (6, p. 90) Ophthalmology, v. 13, p. 527.

GLAUCOMA.

v. Hoorn, W. Influence of Medicaments on Intraocular Tension. Arch. d'Opht., v. 35, p. 506.

Jackson, E. Practical Value and Limitations of Tonometer. Ophthalmology, v. 13, p. 437.

Lo Cascio. Intraocular Tension. Ann. di Ott. and Clin. Ocul., v. 1, p. 120.

Repeated Titles. **van der Hoeve** (6, p. 90) Ophthalmology, v. 13, p. 479. **Kuhnt** (6, p. 90) Ophthalmology, v. 13, p. 480.

CRYSTALLINE LENS.

Andrade, C. Cataract Operations. Brazil Med. Arch. de Oft. Hisp.-Amer., v. 17, p. 216.

Andrews, J. A. Syringe for Washing Out Cortical Matter After Cataract Operation. (1 ill.) Arch. of Ophth., v. 46, p. 256.

Blanco, T. Iridectomy in Extraction of Senile Cataract. Arch. de Oft. Hisp.-Amer., 1916. Brit. Jour. Ophth., v. 1, p. 318.

Herbert, H. Prevention of Sepsis in Cataract Extraction. Indian Med. Gaz., 1917, p. 18.

Millette, J. W. Treatment of Cataract at Central Branch of National Military Home. Ophthalmology, v. 13, p. 413.

Spencer, F. R. Clover-leaf Cataract. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 253.

Strader, G. L. Cataract Following Iridocyclitis. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 255.

Strickler, D. A. Unusual Cataracts. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 249.

Teulières, M. Functional Disability From Aphakia as Result of War Wounds. Clin. Opht., v. 22, p. 31.

Thomson, E. S. Extraction of Cataract From Vitreous. New York State Med. Jour., v. 17, p. 169.

Tuto, R. Operation for Cataract in Infants. (Bibl.) Arch. de Oft. Hisp.-Amer., v. 17, p. 134.

Repeated Titles. **Green, A. S., and Green, L. D.** (6, p. 101) Ophthalmology, v. 13, p. 406. **Gros and Fromaget** (7, p. 6) Brit. Jour. of Ophth., v. 1, p. 318. **Heyl** (5, p. 72) Brit. Jour. of Ophth., v. 1, p. 314.

VITREOUS.

Spencer, F. R. Massive Hemorrhage Into Vitreous. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 252.

Repeated Titles. **Darier** (6, p. 141) Brit. Jour. Ophth., v. 1, p. 326.

RETINA.

Cozzoli, G. Traumatic Thrombosis of Central Retinal Vein. (Tables. 1 pl. Bibl.) Arch. di Ott., v. 23, p. 369.

Crigler, L. W. Extensive Exudation Into Deep Layers of Retina (Dis.) Arch. of Ophth., v. 46, p. 274.

Garraghan, E. F. Complete Detachment of Retina. Chicago Ophth. Soc., Feb., 1917. Ophth. Rec., v. 26, p. 265.

Grünbaum, A. Ocular Fatigue. Arch. d'Opht., v. 35, p. 507.

Holth, S. Spontaneous Cure of Detached Retina. Cent. f. p. Augenh., v. 40, p. 146. Ophthalmology, v. 13, p. 526.

Ischreyt, G. Rare Retinal Disease. Arch. f. Augenh., v. 81, p. 168. Ophthalmology, v. 13, p. 525.

Kollock, C. W. The Eye of the Pregnant Woman. Jour. Ophth. and Oto-Laryngol., v. 11, p. 105.

Leonard, E. F. Amaurotic Family Idiocy. Ill. Med. Jour., v. 31, p. 327.

Lundsgaard, K. Warning Against Observation of Eclipse With Unprotected Eyes, and Results. Cent. f. p. Augenh., v. 40, p. 147. Ophthalmology, v. 13, p. 486.

Menacho, M. Medulated Fibres of Retina. Arch. de Oft. Hisp.-Amer., v. 17, p. 119.

Ovio, G. Ocular Illusions. Ann. di Ott. and Clin. Ocul., v. 1, p. 1.

Schiötz, I. Pre-equatorial Sclerectomy in Detachment of Retina. Cent. f. p. Augenh., v. 40, p. 149. Ophthalmology, v. 13, p. 513.

Vandegrift, G. W. Retinal Manifestations of Chronic Bright's Disease. Med. Rec., v. 91, p. 893.

Weeks, W. W. Retinitis Proliferans. Arch. of Ophth., v. 46, p. 271.

Wood, C. A. Eye Signs of Mongolian Idiocy. Ophth. Rec., v. 26, p. 226.

Repeated Titles. **Komoto** (6, p. 116) Ophthalmology, v. 13, p. 544. **Spencer** (6, p. 18) Colo. Medicine, v. 14, p. 134.

TOXIC AMBLYOPIAS.

Schreiber. Atrophy of Optic Nerve and Hemeralopia Following Internal Use of Optochin. Münch. Med. Woch., 1916, No. 17. Clin. Opht., v. 22, p. 43.

OPTIC NERVE.

Bell, G. H. Unilateral Optic Atrophy in Child 8 Years Old. (Dis.) Arch. of Ophth., v. 46, p. 273.

Bruder, J. Retrobulbar Neuritis Following Ethmoiditis. Arch. of Ophth., v. 46, p. 271.

Mygind, H. Otogenous Intracranial Complications With Optic Neuritis, Healed Without Intracranial Operation. Ugeskrift for Laeger. 1915, p. 1286. Ophthalmology, v. 13, p. 527.

VISUAL TRACTS AND CENTERS.

Abelsdorf. Central Bilateral Scotoma After Wounds of Occiput. Klin. M. f. Augenh., Feb., Mar., 1916. Clin. Opht., v. 22, p. 50.

Cohen, M. Value of Eye Manifestations Complicating Fractured Skull. (2 pl. Dis.) Arch. of Ophth., v. 46, pp. 258, 279.

Lohmann, W. Blind Spot in Relation to Space Values of Retina. Arch. f. Augenh., v. 81, p. 183. Ophthalmology, v. 13, p. 536.
Schirmer, O. Optic Hallucinations With Hemianopsia. (2 pl. Dis.) Arch. of Ophth., v. 46, pp. 247, 278.
Sedwick, W. A. Brain Tumor. (Dis.) Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 247.
Repeated Titles. **Terrien** (6, p. 152) Brit. Jour. Ophth., v. 1, p. 328. **Wilson** (6, p. 80) Brit. Jour. Ophth., v. 1, p. 320.

COLOR VISION.

Repeated Titles. **Ishiwara** (6, p. 117) Ophthalmology, v. 13, p. 542.

EYEBALL.

Matson, W. F. Anophthalmia. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 255.
Ralston, W. Glass Sphere Implantation. Texas State Jour. Med., v. 12, p. 394.

LACRIMAL APPARATUS.

Calderaro. Extirpation of Lacrimal Gland. (Bibl. 9 ill.) Ann. di Ott. and Clin. Ocul., v. 1, p. 35.
Delmiro de Caralt. Ocular Syndrome in Mongolian. (Dacryocystitis.) Arch. de Oft. Hisp.-Amer., v. 17, p. 176.
Good, R. H. Double Dacryocystitis. (Dis.) Jour. Ophth. and Oto-Laryngol., v. 11, p. 133.
Utsida. Lacrimal Apparatus. Ophthalmology, v. 13, p. 546.
Wiener, A. Dacryocystorhinostomy. Arch. of Ophth., v. 46, p. 227.

LIDS.

Di Santo, C. Blepharoplasty by Grafting. (2 ill.) Arch. di Ottal., v. 23, p. 455.
Pissarello, C. Ulcerated Gumma of Lids. (2 pl.) Arch. di Ottal., v. 23, p. 349.
Spencer, F. R. Congenital Ptosis. (Dis.) Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 254.
Weidler, W. B. Favus of Scalp and Eyelids. New York Med. Jour., v. 105, p. 887.
White, D. W., and **White, P. C.** New Operation for Ectropion. (8 ill.) Ophthalmology, v. 13, p. 425.
Repeated Titles. **Kuhnt** (6, p. 92) Ophthalmology, v. 13, p. 496.

ORBIT.

Calderaro, S. Echinococcus of Orbit. (3 ill.) Arch. di Ott., v. 23, p. 411.
Dolger. Orbital Abscess After Suppuration of Ethmoid Cells With Rapid Cure. Münch. Med. Woch., 1916, No. 44. Clin. Opht., v. 22, p. 48.
Hupp, F. L. Exostosis of Orbit. Surg. Gynec. and Obst., v. 25, p. 221.
Knapp, A. Fracture of Frontol Bone Involving Orbit. (Dis.) Arch. of Ophth., v. 46, p. 272.
Lutz, A. Congenital Enophthalmos With Complete Absence of Abduction and Retraction of Eyeball in Adduction. (6 pl.) Arch. of Ophth., v. 46, p. 243.
Repeated Titles. **Ishida** (6, p. 117) Ophthalmology, v. 13, p. 546. **Meyer-Huerlimann** (7, p. 44) New York Med. Jour., v. 105, p. 810.

PARASITES.

Maggiore, L. Episcleral Larvae. (Ophthalmomyiasis.) Ann. di Ottal. and Clin. Ocul., v. 1, p. 107.

TUMORS.

Blanco, T. Osteoma of Orbit. (3 ill. Bibl.) Arch. de Oft. Hisp.-Amer., v. 17, p. 181.

Casolino, L. Lymphosarcoma of Bulbar Conjunctiva. (5 pl.) Arch. di Ott., v. 23, p. 383.

Jessop, W. H. Epithelioma of Upper Lids Cured by Radium. Trans. Ophth. Soc. United King., v. 36, p. 245. Brit. Jour. Ophth., v. 1, p. 331.

Knapp, A. Bilateral Glioma. Arch. of Ophth., v. 46, p. 272.

McGuire, H. H. Sarcoma of Choroid and Ciliary Body. (1 ill.) Ophthalmology, v. 13, p. 454.

Marchi, F. A. Atypical Trachomatous Corneal Pannus in Form of Tumor. Plasmoma of Cornea. (3 pl.) Arch. di Ott., v. 23, p. 611.

Speciale-Cirincione. Osteoma of Orbit. (Bibl. 9 ill.) Ann. di Ott. and Clin. Ocul., v. 1, p. 81.

Repeated Titles. **Bentzen** (5, p. 102) Ophthalmology, v. 13, p. 533. **Birch-Hirschfeld** (6, p. 93) Ophthalmology, v. 13, p. 534. **Denzer** (6, p. 93) Ophthalmology, v. 13, p. 533. **Finzi** (6, p. 104) Brit. Jour. Ophth., v. 1, p. 331. **Hagen** (5, p. 102) Ophthalmology, v. 13, p. 533. **Kestenbaum** (6, p. 93) Ophthalmology, v. 13, p. 508. **Uchida** (6, p. 118) Ophthalmology, v. 13, p. 538.

INJURIES.

Birch-Hirschfeld, A. Laceration of Optic Disc by Rifle Shot. Zeit. f. Augenh., v. 34, p. 289. Ophthalmology, v. 13, p. 487.

Crigler, L. W. Steel in Vitreous Unaccompanied by Inflammation or Loss of Useful Vision. Arch. of Ophth., v. 46, p. 273.

Edwards, J. G. Localization of Foreign Bodies in Eye. Med. Jour. Australia, 1917, p. 25.

Evans, C. A. Unlocalized Intracranial Injuries. Amer. Jour. Surg., Dec., 1915. Ophthalmology, v. 13, p. 488.

Gremaux, P. Ocular Lesions Resulting From Lacrimal Gas. Progrès Med., Sept., 1916. Arch. de Oft. Hisp.-Amer., v. 17, p. 228.

Kane, E. O. Bullet in Brain Destroying Sight and Hearing. Buffalo Med. Jour., v. 72, p. 455.

Löwenstein, A., and **Neuhalus, E. R.** Cranial Shots and Optic Nerve. Med. Klin., 1916, No. 16. Ophthalmology, v. 13, p. 486.

McGuire, S. B. Treatment of Foreign Bodies in Eye. Railway Surg. Jour., v. 23, p. 132.

McKeown, E. E. Severe Eye Injury. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 250.

Miller, G. V. Injury to Eye Complicated With Brain Abscess. Death. Clin. Jour., v. 46, p. 106.

Posey, W. C. Industrial Injuries to Eyes. Penn. Med. Jour., v. 20, p. 504, 515.

Spencer, F. R. Severe Injury to Both Eyes. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 250.

van Weerd, A. H. Foreign Bodies in Eye. Arch. d'Opht., v. 35, p. 507.

Wieden. Extraction of Magnetic Intraocular Foreign Body. Arch. de Oft. Hisp.-Amer., v. 17, p. 197.

Repeated Titles. **Oleynick** (6, p. 93) Ophthalmology, v. 13, p. 485.

PATHOLOGY.

Kollock, C. W. Interesting Conditions Seen in Eye of Negro. South. Med. Jour., v. 10, p. 344.

Stören. Hereditary Transmission of Color of Eyes. Tidschrift f. d. Norsk. Laeger., 1915, p. 553. Ophthalmology, v. 13, p. 493.

Repeated Titles. **Kuboki** (6, p. 118) Ophthalmology, v. 13, p. 545.

GENERAL DISEASES.

Bahn, C. A. Ocular Complications of Measles. New Orleans Med. and Surg. Jour., v. 69, p. 745.

Beck, J. Interrelation Between Eye, Ear, Nose and Throat. Chicago Ophth. Soc., Feb., 1917. Ophth. Rec., v. 26, p. 265.

Blanco, T. Ophthalmoscopic Examination of Sick, Preceding Treat-

ment With Arsenic of Ehrlich. Arch. de Oft. Hisp.-Americanos, v. 17, p. 127.

Bloch, C. E. Eye Disease From Deficiency of Fat in Food. Ugeskrift for Laeger., v. 79, pp. 279, 309.

Bramwell, B. Ocular Symptoms in Disseminated Sclerosis. Edinb. Med. Jour., v. 18, p. 16.

Fridenberg, P. Vertigo and Vision. Jour. Amer. Med. Assn., v. 68, p. 1387.

Hoeg, N. Botulism With Bilateral Paralysis of Iris Sphincter and Muscle of Accommodation. Cent. f. p. Augenh., v. 40, p. 146. Ophthalmology, v. 13, p. 495.

Krabbe, K. Ocular Conditions in Pseudosclerosis. Cent. f. p. Augenh., v. 40, p. 146. Ophthalmology, v. 13, p. 476.

Lamb, R. S. Internal Secretory System and the Eye. Ophthalmology, v. 13, p. 434.

Oppenheim. Arterial Tension and Oculo-cardiac Reflex. Prog. Méd., Feb., 1917. Med. Rec., v. 91, p. 913.

Patterson, J. A. Polycythemia. Colo. Ophth. Soc., Jan., 1917. Ophth. Rec., v. 26, p. 255.

Peterson, C. E. Oculo-cardiac Reflex. Hospitalstidende, v. 60, p. 206. Jour. Amer. Med. Assn., v. 68, p. 1353.

Pooley, G. H., and **Wilkinson, G.** Unilateral Blindness With Cystic Degeneration of Maxillary Antrum of Same Side. Jour. Laryngol., Rhin. and Otol., v. 32, p. 81.

Sunseri, F. The Wassermann Reaction in Ophthalmology. (Bibl.) Ann. di Ottal. and Clin. Ocul., v. 1, p. 97.

Repeated Titles. **Gjessing** (5, p. 28) Ophthalmology, v. 13, p. 476.

HYGIENE.

Giuseppe, T. Iron Goggles for War. Gazz. degli Ospedali e delle Clin., v. 38, p. 213. Jour. Amer. Med. Assn., v. 68, p. 1352.

Holbrook, S. J. Seating of Children in Public Schools With Relation to Defective Eyesight. Ophthalmology, v. 13, p. 503.

Lockhart, R. Practical Points in Nursing Eye Patient. Nurse, Jamestown, v. 6, p. 167.

Pollock, W. B. I. Effects of Cinematograph on Eyes of Children. Glasgow Med. Jour., v. 5, p. 206.

Ryan, W. J. Conservation of Children's Vision. Jour. Ophth., Otol. and Laryngol., May, 1917, p. 324.

Thorpe, J. H. Proper Care and Treatment of Babies' Eyes. Ky. Med. Jour., v. 15, p. 215.

Repeated Titles. **Ticho** (5, p. 12) Brit. Jour. Ophth., v. 1, p. 325. **Kusama** (6, p. 119) Ophthalmology, v. 13, p. 541.

OPHTHALMIC SOCIOLOGY AND HISTORY.

Cantonnet, A. System of Writing for the Blind. Bull. de l'Acad. de Méd., v. 77, p. 453. Jour. Amer. Med. Assn., v. 68, p. 1511.

Dunn, P. British Masters of Ophthalmology; Benjamin Travers. (1 pl. Bibl.) Brit. Jour. of Ophth., v. 1, p. 273.

Herz, M. "Sound Writing" for the Blind and Partially Blind. Clin. Opht., v. 22, p. 63.

Hirschberg, J. History of Cataract Extraction. Cent. f. p. Augenh., v. 40, p. 129. Ophthalmology, v. 13, p. 484.

Lacroix, A. The Ambulant Ophthalmological Service. Arch. d'Opht., v. 35, p. 482.

New Roman Oculist's Seal. Lancet, April 28, p. 658.

Optometry Bill in Pennsylvania Signed. Penn. Med. Jour., v. 20, p. 517.

Rogers, S. L. Statistics of Blindness in United States. California State Jour. Med., v. 15, p. 135.

Santos Fernandez, J. What the Oculists Should Do in Incurable Diseases. Arch. de Oft. Hisp.-Amer., v. 17, p. 163.

Progress in Ophthalmology in Spain and Spanish America in the Present Century. Semana Med., v. 24, p. 44.

Teulières, M. Functional Disability From Aphakia as Result of War Wounds. Clin. Opht., v. 22, p. 31.

Walker, S., Jr. Relation of Ophthalmologist to Military Surgeon. Ophth. Rec., v. 26, p. 229.

Wood, C. A. Early History of Ophthalmology in Chicago. Chicago Ophth. Soc., Jan., 1917. Ophthalmology, v. 13, p. 398.

Repeated Titles. **Kagoshima** (6, p. 119) Ophthalmology, v. 13, p. 539.

Abstracts From Foreign Journals

Von Feilchenfeld. Optochin Amaurosis. (Deutsche Medizinische Wochenschrift, 1916, page 320.)

A man aged 20 years was given 5 grams of optochin in the course of thirty hours for a beginning pneumonia. After one day there was loss of hearing, and a day later poor vision, which within another twenty-four hours had become almost complete blindness. Both symptoms receded under the employment of large doses of sodium iodide and tincture of strophanthus, but at the end of two months there was a permanent injury, manifested by hemeralopia, flickering before the eyes, annoying subjective scotoma, concentric narrowing of the visual field and of color sensation in both eyes. The employment of optochin internally should, therefore, begin with smaller doses, and since the disturbances of hearing always appear first, their occurrence should always be the signal for immediate cessation of the drug.

Von Hoor, K. Trachoma Prophylaxis and Military Service. (Wiener Medizinische Wochenschrift, 1916, page 1334.)

It was found in Austria that a considerable number of trachoma patients, in and near the age of liability to military service, were skillful in escaping all attempts at supervision and treatment. This practice was overcome by the military authorities, both in the interests of the army and of general prophylaxis, by refusing to accept trachoma as excluding the patient from military service, and also by placing all trachoma patients who were liable to military service in military institutions, under the care of special physicians, until they were completely cured, after which they were sent for military service or were dismissed, according to the age at which the cure was effected. The average length of treatment was four months, and about 80 per cent of the patients were cured within the period of liability to military service. During the service age the trachoma patients were given regular military training at the garrison hospitals.

Krückmann, E. Simultaneous Injuries of Eyes and Antral Cavities. (Wiener Medizinische Wochenschrift, 1916, page 1618.)

In fractures of the upper jaw and of the orbit a bone fracture occasionally extends into the posterior wall of the frontal sinus. Even when the mucosa remains intact, subsequent operative procedures in the frontal sinus may lead to opening of the small scar with consequent meningitis. Secondarily occurring inflammatory conditions of the frontal sinus should therefore be treated as conservatively as possible in the first three months after the injury. It is to be hoped that recent Röentgen procedures will render possible the recognition of such delicate fractures.

Ophthalmic Journals

American Journal of Ophthalmology, St. Louis, Mo.

Annales d'Oculistique, Paris, France.

Annali di Ottalmologia e la Clinica Oculistica, Rome, Italy.

Annals of Ophthalmology, St. Louis, Mo.

Archiv für Augenheilkunde, Wiesbaden, Germany.

Albrecht v. Graefe's Archiv für Ophthalmologie, Leipsic, Germany.

Archiv für vergleichende Ophthalmologie, Leipsic, Germany.

Archives d'Ophtalmologie, Paris, France.

Archives of Ophthalmology, New York, N. Y.

Archivio di Ottalmologia, Naples, Italy.

Archivos de Oftalmologia Hispano-Americanos, Barcelona, Spain.

Atti dell'Associazione Ottalmologica Italiana, Pavia, Italy.

Beiträge zur Augenheilkunde, Leipsic, Germany,

British Journal of Ophthalmology, London, England.

Centralblatt für praktische Augenheilkunde, Leipsic, Germany.

España Oftalmologica, Cadiz, Spain.

La Clinique Ophtalmologique, Paris, France.

Journal Ophthalmology and Oto-Laryngology, Chicago, Ill.

Journal Ophthalmology, Otology and Laryngology, Lancaster, Pa.

Klinische Monatsblätter für Augenheilkunde, Stuttgart, Germany.

Mitteilungen aus der Augenklinik des Carolinischen Medico-Chirurgischen Instituts, Jena, Germany.

Nippon Gankwa Gakukwai Zasshi, Tokyo, Japan.

Ophthalmic Literature, Denver, Colo.

Ophthalmic Record, Chicago, Ill.

Ophthalmology, Seattle, Wash.

Postep Okulistyczny, Krakow, Austria.

Pratica Oculistica, Rome, Italy.

Progresso Ottalmologico, Palermo, Italy.

Revue Internationale d'Hygiène et de Thérapeutique Oculaires, Paris, France.

Rivista Italiana di Ottalmologia, Rome, Italy.

Viestnik Ophthalmologie, Moscow, Russia.

Wochenschrift für Therapie und Hygiene des Auges, Dresden, Germany.

Zeitschrift für Augenheilkunde, Berlin, Germany.

Ophthalmic Year Book

VOLUME 12

OCTAVO 479 PAGES. ILLUSTRATED.

Covering the literature of ophthalmology for the year 1915.

PRICE TEN DOLLARS

318 Majestic Building, Denver, Colorado.

JOURNAL ESTIMATES OF THE YEAR BOOK.

"We make the annual welcome to the Ophthalmic Year Book. It is somewhat enlarged and carries perhaps a larger amount of American and English abstracts than heretofore. The work is commended for the library of ophthalmologists."—Ophthalmology, v. 12, p. 203.

This welcome yearly visitor needs no introduction to our readers. We know that it is an excellent digest of the ophthalmic literature, and the names of the men with whose collaboration it is published warrant nothing but good work.—American Journal of Ophthalmology, v. 32, p. 319.

Though the book is somewhat larger than in preceding years, the size of the single abstract has not become too long. The amount of labor which a book of this kind entails cannot be comprehensible to one without personal experience in abstracting, and the mere arrangement of the reviews is no light task. The editor and his collaborators deserve our gratitude; and any support that we can furnish to the project by subscribing should be unhesitatingly given.—Archives of Ophthalmology, v. 45, Jan.

We have so often expressed our high opinion of this annual volume that further commendation may seem superfluous. It is, however, only fair to say that the eleventh volume worthily maintains the reputation gained by the previous numbers. The Year Book has become an essential part of the library of the ophthalmic surgeon. The general arrangement of the contents of the volume is unaltered. The excellent bibliography and index, upon which we have learned to rely, are as complete and satisfying as ever.—Ophthalmic Review, v. 34, p. 353.

We extend the heartiest possible welcome to volume 11 of Edward Jackson's Ophthalmic Year Book, a work indispensable to any ophthalmic surgeon who is not wholly indifferent to the literature of his specialty.—Ophthalmoscope, v. 13, p. 584.

Printed by Western Newspaper Union